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WPI Acc no: 1987-037350/198705

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**Patient identification and verification system - release items to specific patients and ensures that identified items corresp. to identified patient**

Patent Assignee: CLINICOM INC (CLIN-N)

Inventor: GOMBRICH P P; HENDRICKSON M S; HENDRICKSON M S; ZOOK R E; ZOOK R E

Patent Family ( 5 patents, 14 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1987000659	A	19870129	WO 1986US1475	A	19860714	198705	B
EP 230458	A	19870805	EP 1986904675	A	19860714	198731	E
JP 63500546	W	19880225	JP 1986503919	A	19860714	198814	E
US 4857716	A	19890815	US 1985757277	A	19850719	198941	E
			US 1986862278	A	19860512		
			US 198778195	A	19870724		
			US 1988205527	A	19880608		
CA 1261968	A	19890926				198945	E

Priority Applications (no., kind, date): US 198778195 A 19870724; US 1986862278 A 19860512; US 1985757277 A 19850719; US 1988205527 A 19880608

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 1987000659	A	EN	81	35	
National Designated States,Original	JP				
Regional Designated States,Original	AT BE CH DE FR GB IT LU NL SE				
EP 230458	A	EN			
Regional Designated States,Original	AT CH DE FR GB LI NL				
CA 1261968	A	EN			

**Alerting Abstract WO A**

The system includes a bar code identifier for attachment to a patient and including a patient unique code, and a number of further bar code identifiers for identifying items. A microprocessor controlled portable patient terminal has a bar code reader for scanning the identifiers for relating various items to a specific patient. This terminal also includes a keyboard, a display device, and an electromagnetic wave transceiver. A microprocessor controlled base station also includes a transceiver for receipt of and transmission of data to the transceiver of the portable terminal. The

base station is interconnected to a programmed system computer at least in part by telephone lines.

Stationary terminals are located at various stations remote from and interconnected to the computer for transmitting data to and receiving data from the computer. A transmitter is worn by a patient for transmitting the unique patient code to the base station transceiver.

USE - To identify items such as blood samples, drugs, IV's, surgical procedures with specific patients.

**Title Terms /Index Terms/Additional Words:** PATIENT; IDENTIFY; VERIFICATION; SYSTEM; RELEASE; ITEM; SPECIFIC; ENSURE; CORRESPOND

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G06F-015/20			Main		"Version 7"
G06K-007/10			Secondary		"Version 7<

US Classification, Issued: 235462000, 235375000, 235472000, 340825340, 379095000

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-X; T01-J

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US 1986862278 A 19860512

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US 1988205527 A 19880608

##### EPO

**Publication No.** EP 230458 A (Update 198731 E)

**Publication Date:** 19870805

**PATIENTENKENNZEICHNUNG UND KONTROLLSYSTEM SOWIE VERFAHREN  
PATIENT IDENTIFICATION AND VERIFICATION SYSTEM AND METHOD  
PROCEDE ET SYSTEME D'IDENTIFICATION ET DE VERIFICATION DE**

## **PATIENTS**

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Language: EN

Application: EP 1986904675 A 19860714 (Local application)

Priority: US 1985757277 A 19850719

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US 1988205527 A 19880608

Designated States: (Regional Original) AT CH DE FR GB LI NL

Original IPC: G06F-15/20

Current IPC: G06F-15/20(A)

Original Abstract:

A patient identification system for relating items with patients and ensuring that an identified item corresponds to an identified patient. The patient identification system includes a computer system (42) interconnected to a plurality of remote terminals (62) by conventional telephone wiring (66, 70). The patient identification system further including a portable bar code reading device (48) including a bar code wand (120), an LCD display (116) and a key pad (114). The portable bar code reading device (48) communicates via RF transmission with an RF/PLC modem (60). The bar code reading device (48) is utilized to read a patient's unique bar code (50) on a patient's identification bracelet (52), bar codes (51) on labels (53) attached to various items in the hospital relating the item to a specific patient and bar codes (49) on item labels (47) whereby such items can be automatically correlated to a specific patient and checks performed at the computer system (42) to ensure that the item properly corresponds to the identified patient.

## **Japan**

**Publication No.** JP 63500546 W (Update 198814 E)

**Publication Date:** 19880225

**Language:** JA

**Application:** JP 1986503919 A 19860714 (Local application)

**Priority:** US 1985757277 A 19850719

US 1986862278 A 19860512

US 198778195 A 19870724

US 1988205527 A 19880608

## **United States**

**Publication No.** US 4857716 A (Update 198941 E)

**Publication Date:** 19890815

**Patient identification and verification system and method**

Assignee: CliniCom Incorporated  
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Language: EN  
Application: US 1985757277 A 19850719  
US 1986862278 A 19860512  
US 198778195 A 19870724  
US 1988205527 A 19880608 (Local application)  
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Original US Class (main): 235462  
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Original Abstract:

A patient identification system for relating items with patients and ensuring that an identified item corresponds to an identified patient. The patient identification system includes a computer system (42) interconnected to a plurality of remote terminals (62) by conventional telephone wiring (66,70). The patient identification system further including a portable bar code reading device (48) including a bar code wand (120), an LCD display (116) and a key pad (114). The portable bar code reading device (48) communicates via RF transmission with an RF/PLC modem (60). The bar code reading device (48) is utilized to read a patient's unique bar codes (50) on a patient's identification bracelet (52), bar codes (51) on labels (53) attached to various items in the hospital relating the item to a specific patient and bar codes (49) on item labels (47) whereby such items can be automatically correlated to a specific patient and checks performed at the computer system (42) to ensure that the item properly corresponds to the identified patient.

## WIPO

**Publication No.** WO 1987000659 A (Update 198705 B)  
**Publication Date:** 19870129  
**PATIENT IDENTIFICATION AND VERIFICATION SYSTEM AND METHOD**  
**Assignee:** CLINICOM INCORPORATED, US (CLIN-N)  
**Inventor:** GOMBRICH, PETER, P., US  
ZOOK, RONALD, E., US  
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**Language:** EN (81 pages, 35 drawings)  
**Application:** WO 1986US1475 A 19860714 (Local application)  
**Priority:** US 1985757277 A 19850719  
US 1986862278 A 19860512  
US 198778195 A 19870724  
US 1988205527 A 19880608  
**Designated States:** (National Original) JP  
(Regional Original) AT BE CH DE FR GB IT LU NL SE  
**Original IPC:** G06F-15/20 G06K-7/10

Current IPC: G06F-15/20 G06K-7/10

Original Abstract:

A patient identification system for relating items with patients and ensuring that an identified item corresponds to an identified patient. The patient identification system includes a computer system (42) interconnected to a plurality of remote terminals (62) by conventional telephone wiring (66, 70). The patient identification system further including a portable bar code reading device (48) including a bar code wand (120), an LCD display (116) and a key pad (114). The portable bar code reading device (48) communicates via RF transmission with an RF/PLC modem (60). The bar code reading device (48) is utilized to read a patient's unique bar code (50) on a patient's identification bracelet (52), bar codes (51) on labels (53) attached to various items in the hospital relating the item to a specific patient and bar codes (49) on item labels (47) whereby such items can be automatically correlated to a specific patient and checks performed at the computer system (42) to ensure that the item properly corresponds to the identified patient.